

Physics 50 Syllabus
Winter 2024

Instructor: Juming Jiao
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Lecture Hours: MW 5:30 pm – 7:20 pm (Zoom)
Office Hours: Monday 7:30 pm – 8:20 pm (Zoom)
Final Exam Date: Mar. 25, Monday 6:15 pm – 8:15 pm (Zoom)
Text Book: *Physics*, 4th Edition, by James S. Walker
Prerequisites: Math 49B

OBJECTIVE: The goal of this class is to prepare students for success in Physics 4A by developing an understanding of the principles of classical mechanics with an emphasis on basic problem-solving techniques. It covers chapters 1-7 in the text.

ATTENDANCE: Students who miss more than **FOUR** lectures may be dropped from the class. However, it is your responsibility to ensure being dropped or withdrawn from the course in order to avoid an F in the course. The last day to drop a class with a **W** is Friday, Mar. 1

HOMEWORK: Homework will be assigned for each chapter, but it will not be collected. It's your responsibility to complete it by the expected date. It is essential to your success in this course that you put solid effort into the homework. If you are having difficulties with homework, I am available for help during my office hours.

QUIZZES: 5 quizzes are scheduled on the calendar, the lowest one will be dropped. Each quiz consists of one or two problems from my lectures or your homework. Therefore, it is to your advantage to attend each lecture and complete homework assignments. On the quizzes and the exams, you need to show all your work in complete detail in order to receive credit.

EXAMS: One midterm and one final are closed book tests! To pass the class, you must take all the exams. There are **NO MAKE-UP** exams without prior consent from the instructor. You can send an email or leave a message before the exam time in case of an emergency. No cheat sheets or note cards will be allowed during exams. Students who fail to show up for the final exam will receive a grade of **F** for the course.

CHEATING: If a student is found cheating, a **ZERO** will be assigned to the work. Using unauthorized notes, copying another student's work, or letting another student copy your work are all considered forms of cheating. If you are caught cheating on a quiz or exam, you will receive a **ZERO** as your final grade on that quiz or exam. If you are caught cheating a second time, you may receive an **F** in the course. I reserve the right to assign seats during exams.

GRADING:

The grade distribution is as follows:

Homework/Quizzes.	40%
Midterm.	30%
Final	30%

Grades will be determined as follows:

A: 88-100%
B: 76-87%
C: 60-75%
D: 50-59%
F: 0-49%

Student Learning Outcome(s):

- Examine critically new, previously un-encountered problems, analyzing and evaluating their constituent parts, to construct and explain a logical solution utilizing, and based upon, the fundamental laws of mechanics.

Office Hours:

M 07:30 PM 08:20 PM Zoom